

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120324\
 Data File : VY020500.D
 Acq On : 03 Dec 2024 12:40
 Operator : SY/MD
 Sample : P5053-03
 Misc : 4.47g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 03 21:44:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 03 01:39:23 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

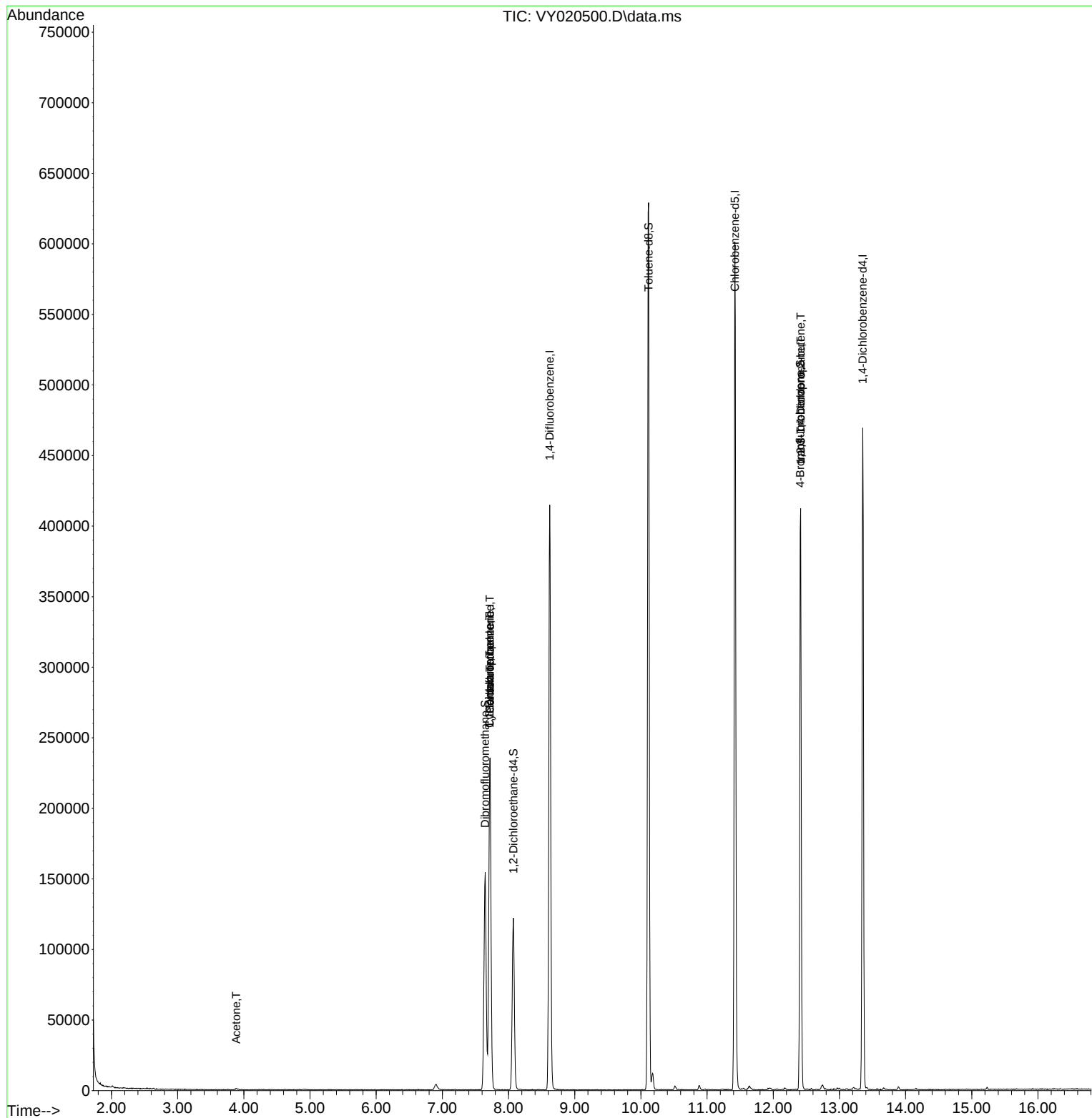
Internal Standards						
1) Pentafluorobenzene	7.720	168	176661	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	344479	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	312269	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	112708	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	101707	56.609	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.220%	
35) Dibromofluoromethane	7.646	113	107038	49.357	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.720%	
50) Toluene-d8	10.115	98	411500	49.831	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.660%	
62) 4-Bromofluorobenzene	12.408	95	126809	43.906	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 87.820%	
Target Compounds						
					Qvalue	
16) Acetone	3.885	43	1635	3.660	ug/l #	88
31) Cyclohexane	7.713	56	3917	1.107	ug/l #	1
36) 1,1-Dichloropropene	7.713	75	14785	4.037	ug/l #	51
38) Carbon Tetrachloride	7.720	117	18744	4.288	ug/l #	14
76) 1,2,3-Trichloropropane	12.414	75	70407	61.323	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.414	75	70407	125.825	ug/l #	9

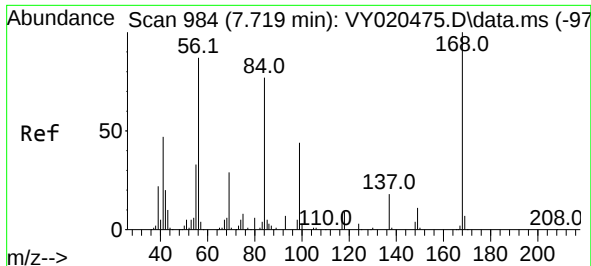
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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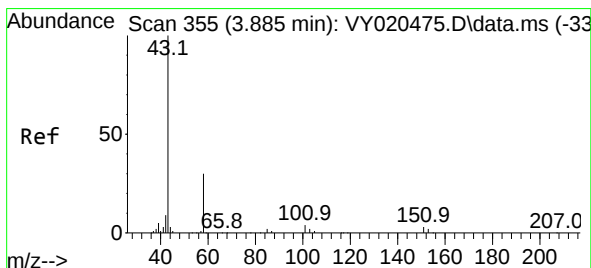
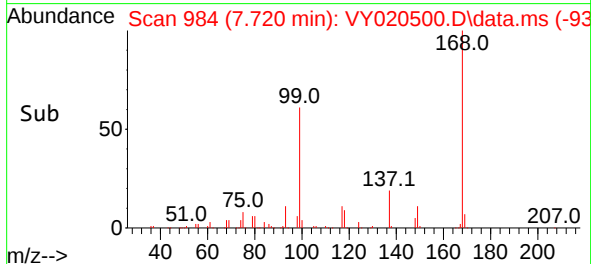
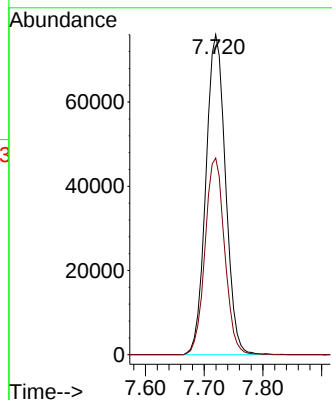
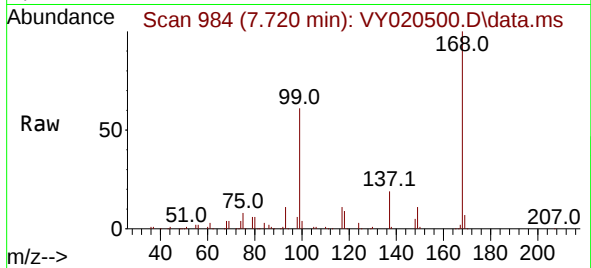




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.720 min Scan# 91
Delta R.T. 0.001 min
Lab File: VY020500.D
Acq: 03 Dec 2024 12:40

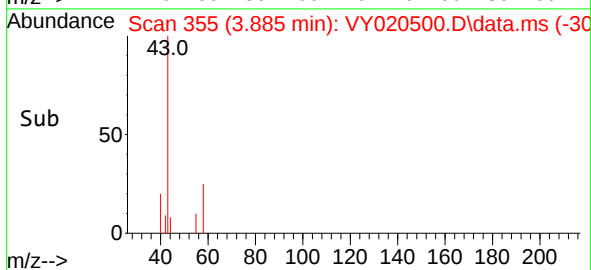
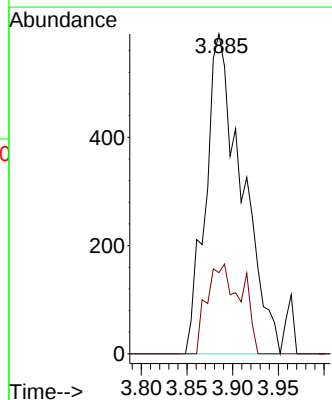
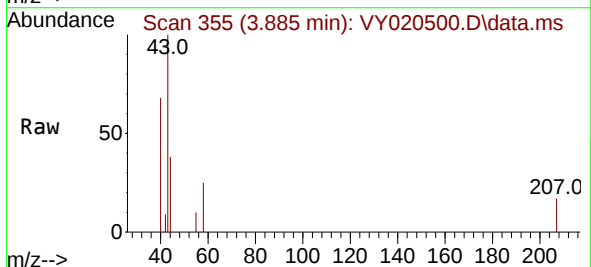
Instrument :
MSVOA_Y
ClientSampleId :

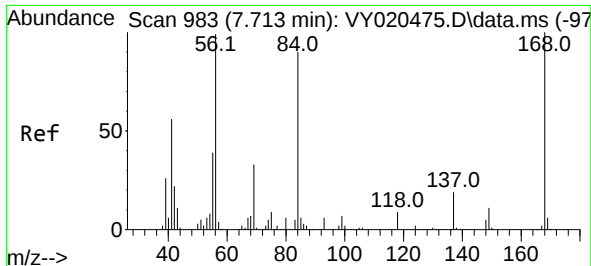
Tgt Ion:168 Resp: 176661
Ion Ratio Lower Upper
168 100
99 61.4 46.6 69.8



#16
Acetone
Concen: 3.660 ug/l
RT: 3.885 min Scan# 355
Delta R.T. 0.000 min
Lab File: VY020500.D
Acq: 03 Dec 2024 12:40

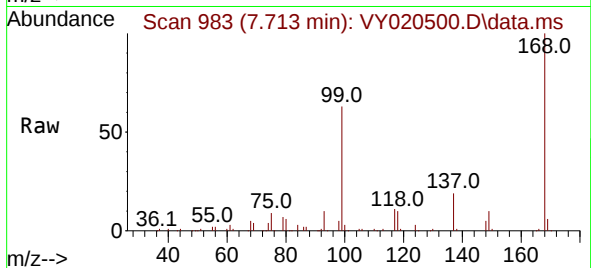
Tgt Ion: 43 Resp: 1635
Ion Ratio Lower Upper
43 100
58 25.4 25.7 38.5#



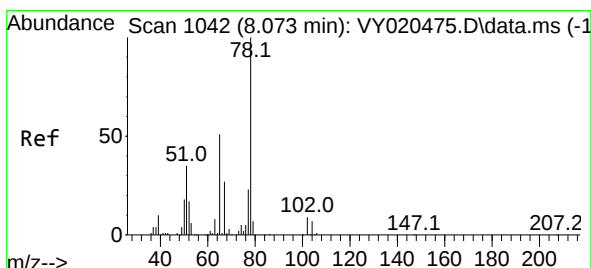
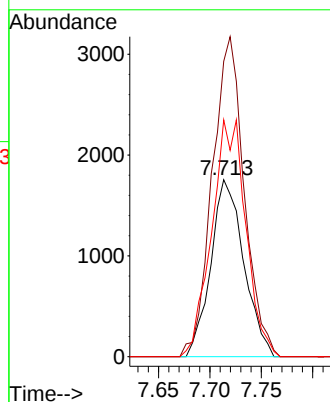
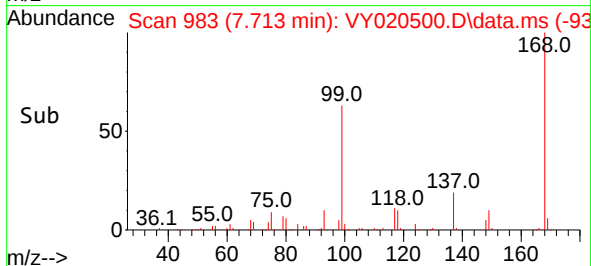


#31
Cyclohexane
Concen: 1.107 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.000 min
Lab File: VY020500.D
Acq: 03 Dec 2024 12:40

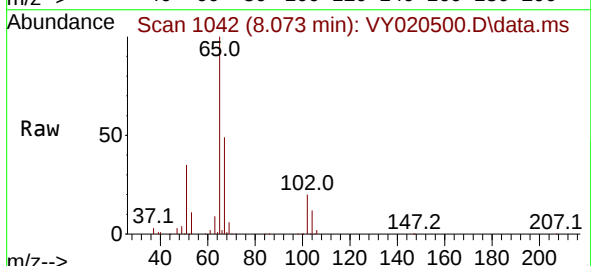
Instrument :
MSVOA_Y
ClientSampleId :



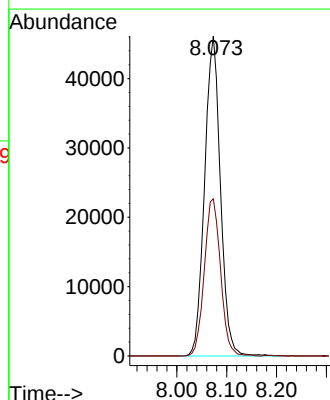
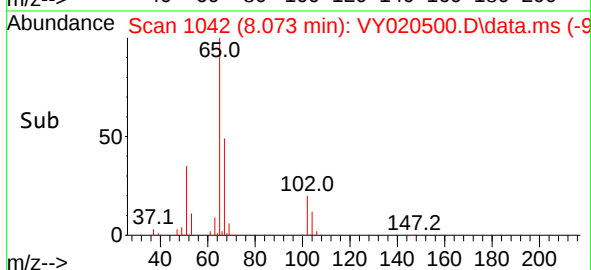
Tgt Ion: 56 Resp: 3917
Ion Ratio Lower Upper
56 100
69 167.0 25.3 37.9#
84 133.8 66.9 100.3#

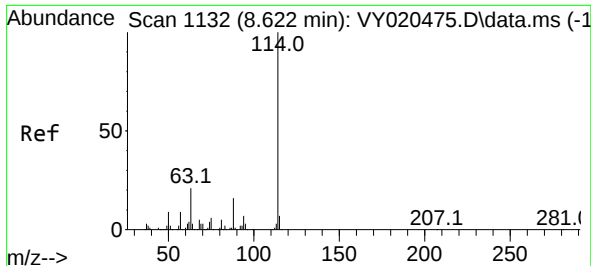


#33
1,2-Dichloroethane-d4
Concen: 56.609 ug/l
RT: 8.073 min Scan# 1042
Delta R.T. 0.000 min
Lab File: VY020500.D
Acq: 03 Dec 2024 12:40



Tgt Ion: 65 Resp: 101707
Ion Ratio Lower Upper
65 100
67 50.4 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VY020500.D

Acq: 03 Dec 2024 12:40

Instrument :

MSVOA_Y

ClientSampleId :

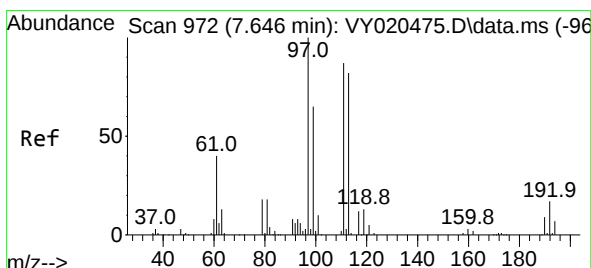
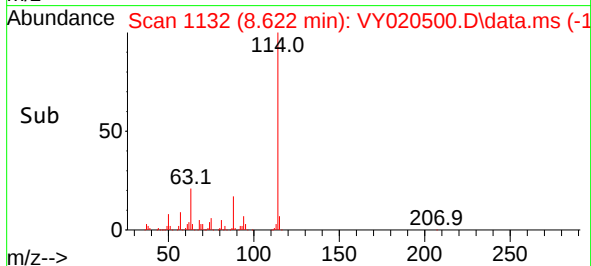
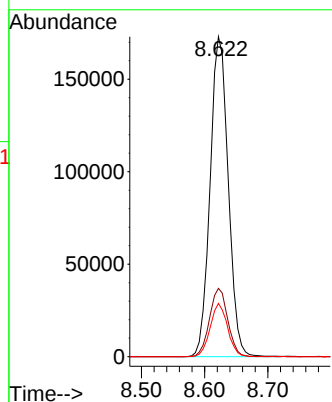
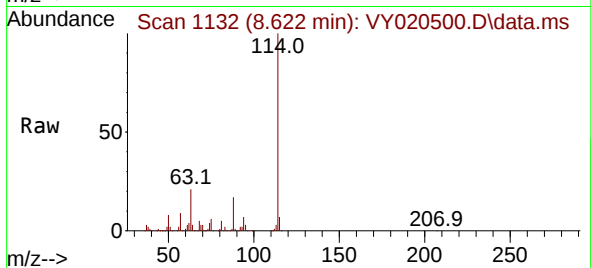
Tgt Ion:114 Resp: 344479

Ion Ratio Lower Upper

114 100

63 21.4 0.0 44.8

88 16.7 0.0 32.0



#35

Dibromofluoromethane

Concen: 49.357 ug/l

RT: 7.646 min Scan# 972

Delta R.T. 0.000 min

Lab File: VY020500.D

Acq: 03 Dec 2024 12:40

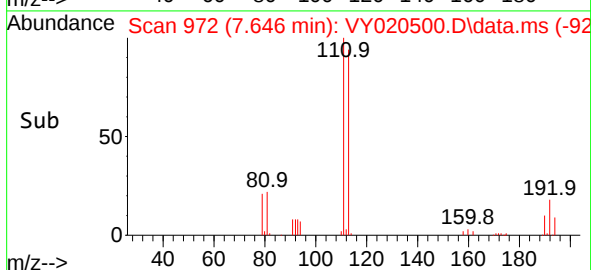
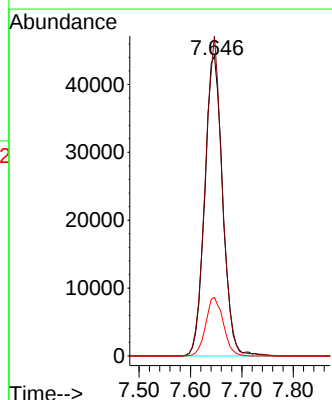
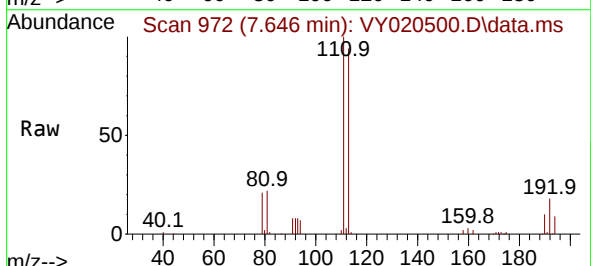
Tgt Ion:113 Resp: 107038

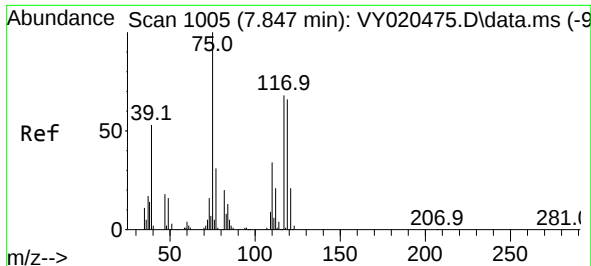
Ion Ratio Lower Upper

113 100

111 101.7 81.4 122.0

192 19.1 15.1 22.7





#36

1,1-Dichloropropene

Concen: 4.037 ug/l

RT: 7.713 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY020500.D

Acq: 03 Dec 2024 12:40

Instrument :

MSVOA_Y

ClientSampleId :

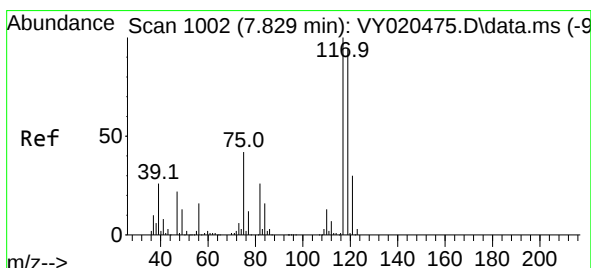
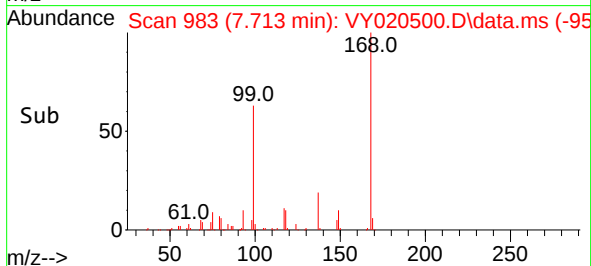
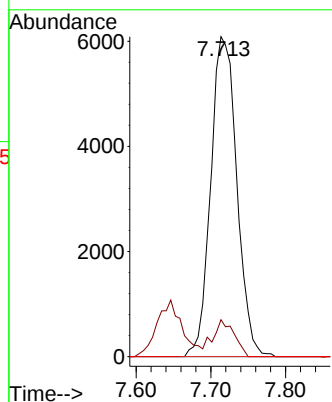
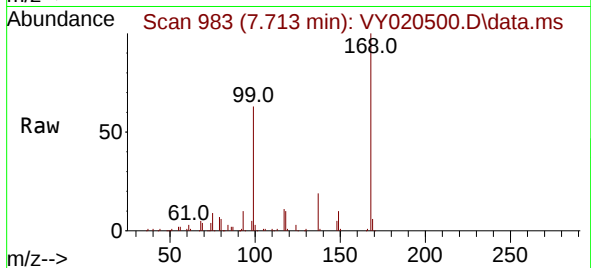
Tgt Ion: 75 Resp: 14785

Ion Ratio Lower Upper

75 100

110 9.4 16.7 50.0#

77 0.0 24.6 36.8#



#38

Carbon Tetrachloride

Concen: 4.288 ug/l

RT: 7.720 min Scan# 984

Delta R.T. -0.110 min

Lab File: VY020500.D

Acq: 03 Dec 2024 12:40

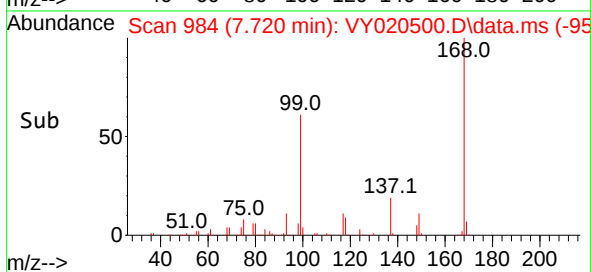
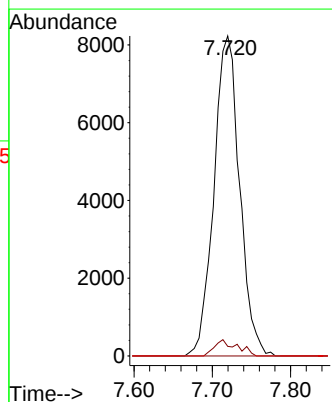
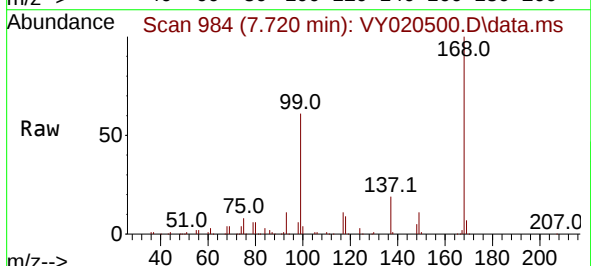
Tgt Ion: 117 Resp: 18744

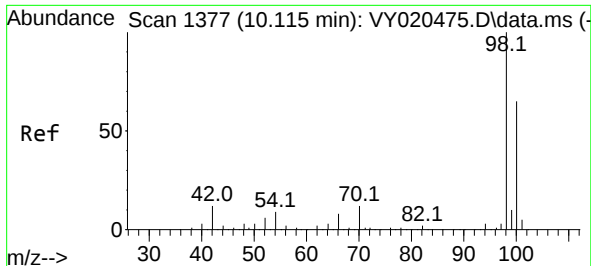
Ion Ratio Lower Upper

117 100

119 3.0 77.8 116.6#

121 0.0 24.6 37.0#

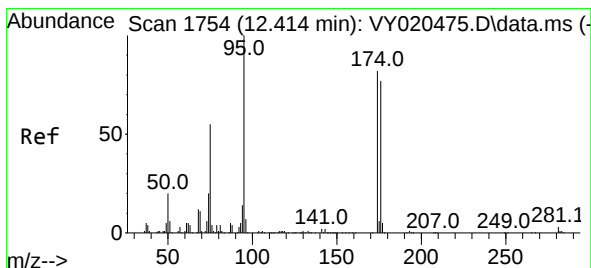
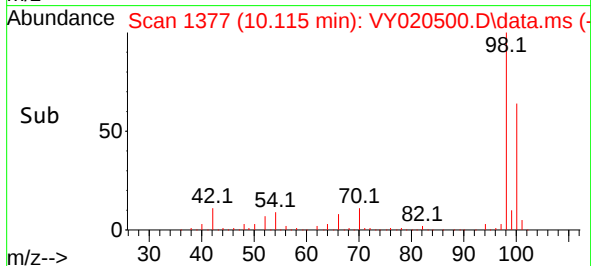
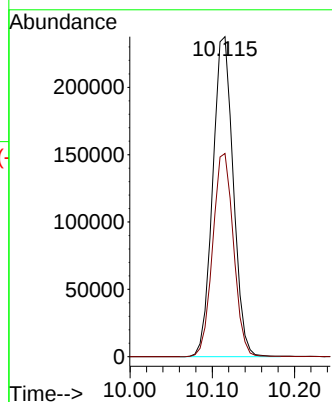
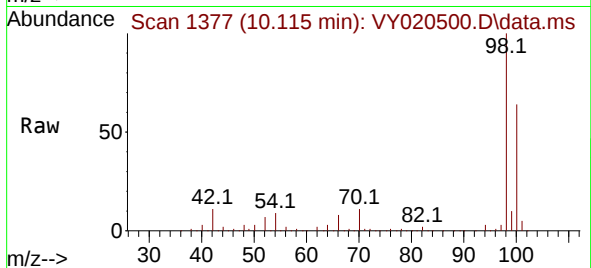




#50
Toluene-d8
Concen: 49.831 ug/l
RT: 10.115 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020500.D
Acq: 03 Dec 2024 12:40

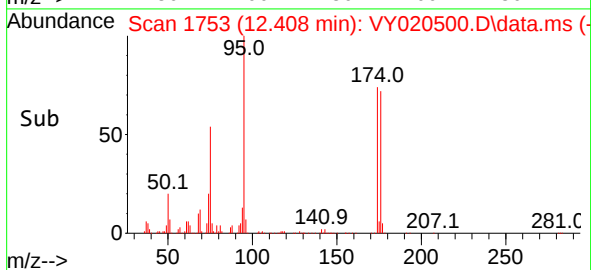
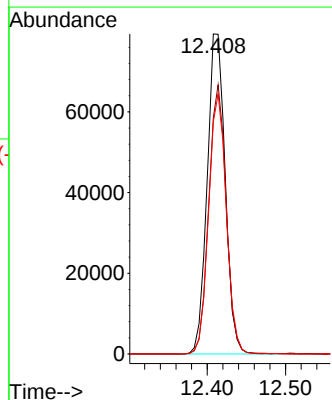
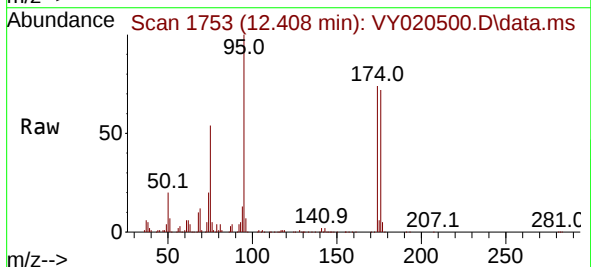
Instrument :
MSVOA_Y
ClientSampleId :

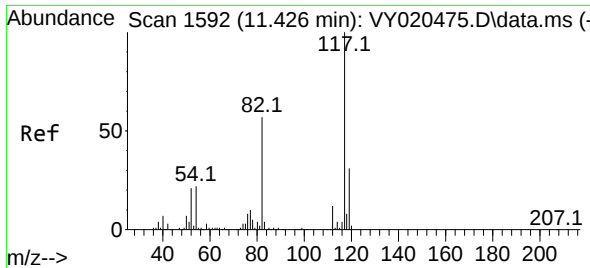
Tgt Ion: 98 Resp: 411500
Ion Ratio Lower Upper
98 100
100 64.3 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 43.906 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.006 min
Lab File: VY020500.D
Acq: 03 Dec 2024 12:40

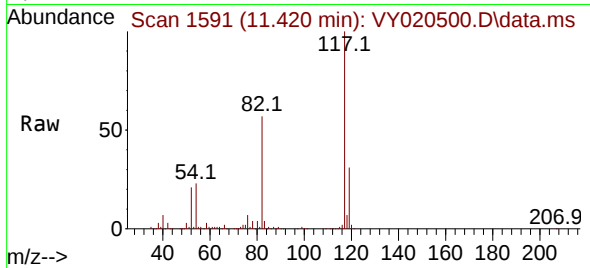
Tgt Ion: 95 Resp: 126809
Ion Ratio Lower Upper
95 100
174 81.0 0.0 156.8
176 79.3 0.0 152.0



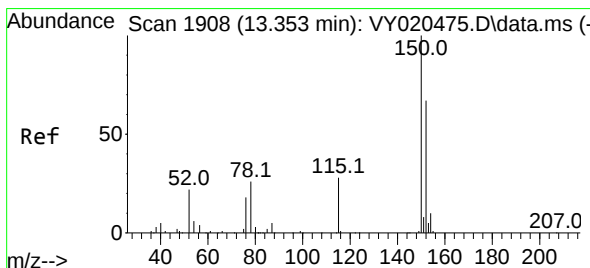
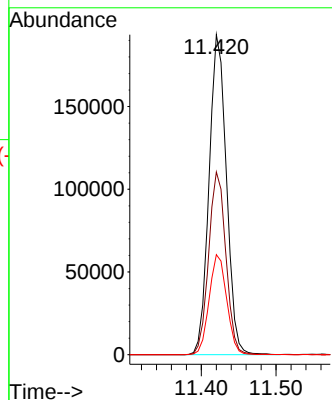
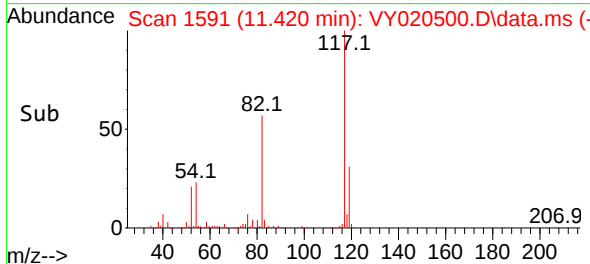


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY020500.D
Acq: 03 Dec 2024 12:40

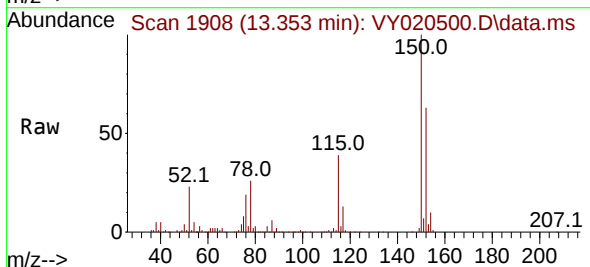
Instrument :
MSVOA_Y
ClientSampleId :



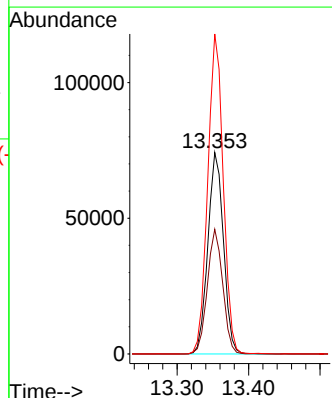
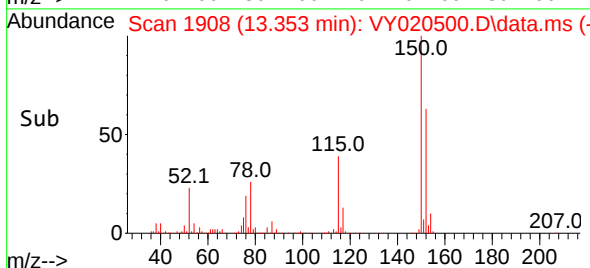
Tgt Ion:117 Resp: 312269
Ion Ratio Lower Upper
117 100
82 57.1 48.2 72.4
119 31.3 25.8 38.8

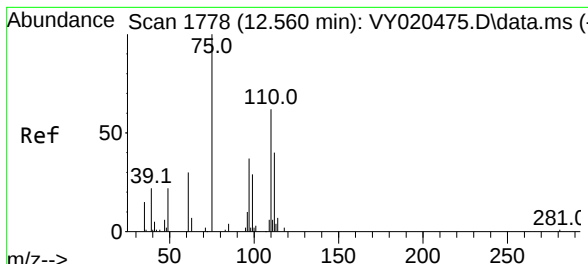


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VY020500.D
Acq: 03 Dec 2024 12:40



Tgt Ion:152 Resp: 112708
Ion Ratio Lower Upper
152 100
115 60.9 30.0 90.0
150 157.2 0.0 348.2

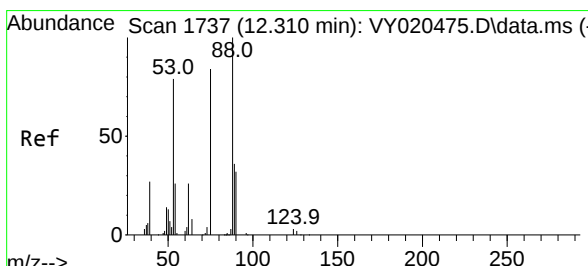
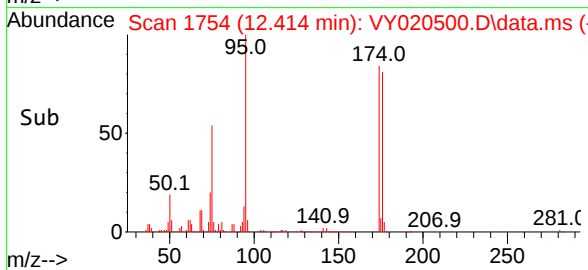
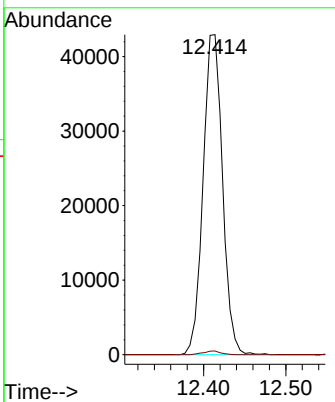
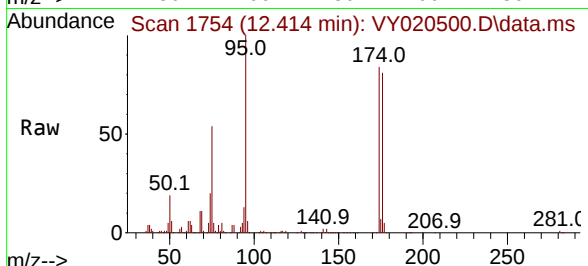




#76
 1,2,3-Trichloropropane
 Concen: 61.323 ug/l
 RT: 12.414 min Scan# 1754
 Delta R.T. -0.146 min
 Lab File: VY020500.D
 Acq: 03 Dec 2024 12:40

Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion: 75 Resp: 70407
 Ion Ratio Lower Upper
 75 100
 77 1.0 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 125.825 ug/l
 RT: 12.414 min Scan# 1754
 Delta R.T. 0.104 min
 Lab File: VY020500.D
 Acq: 03 Dec 2024 12:40

Tgt Ion: 75 Resp: 70407
 Ion Ratio Lower Upper
 75 100
 53 0.0 81.1 121.7#
 89 0.0 35.1 52.7#

